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(FILE 'HOME' ENTERED AT 19:31:20 ON 10 MAR 2008)

FILE 'CAPLUS' ENTERED AT 19:31:31 ON 10 MAR 2008

L1 27169 S "DNA POLYMERASE"  
L2 464 S L1 AND CRYSTAL  
L3 51 S L2 AND PROCESSIVITY  
L4 22 S L3 AND "BETA"  
L5 0 S L4 AND "B SUBUNIT"  
L6 9 S L4 AND "BETA SUBUNIT"

=> d L6 1-9

L6 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2006:382537 CAPLUS  
DN 145:42079  
TI A Novel Processive Mechanism for DNA Synthesis Revealed by Structure, Modeling and Mutagenesis of the Accessory Subunit of Human Mitochondrial DNA Polymerase  
AU Fan, Li; Kim, Sangbumn; Farr, Carol L.; Schaefer, Kevin T.; Randolph, Kathleen M.; Tainer, John A.; Kaguni, Laurie S.  
CS Life Sciences Division, Lawrence Berkeley National Laboratory, Berkeley, CA, 94720, USA  
SO Journal of Molecular Biology (2006), 358(5), 1229-1243  
CODEN: JMOBAK; ISSN: 0022-2836  
PB Elsevier B.V.  
DT Journal  
LA English  
RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2006:186477 CAPLUS  
DN 145:205038  
TI Stoichiometric complex formation by proliferating cell nuclear antigen (PCNA) and its interacting protein: purification and crystallization of the DNA polymerase and PCNA monomer mutant complex from Pyrococcus furiosus  
AU Nishida, Hirokazu; Matsumiya, Shigeki; Tsuchiya, Daisuke; Ishino, Yoshizumi; Morikawa, Kosuke  
CS Department of Structural Biology, Biomolecular Engineering Research Institute (BERI), 6-2-3 Furuedai, Suita, Osaka, 565-0874, Japan  
SO Acta Crystallographica, Section F: Structural Biology and Crystallization Communications (2006), F62(3), 253-256  
CODEN: ACSFCL; ISSN: 1744-3091  
URL: <http://journals.iucr.org/f/issues/2006/03/00/bw5125/index.html>  
PB Blackwell Publishing Ltd.  
DT Journal; (online computer file)  
LA English  
RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2006:120736 CAPLUS  
DN 145:265417  
TI Crystal structure of a DNA polymerase sliding clamp from a gram-positive bacterium  
AU Argiriadi, Maria A.; Goedken, Eric R.; Bruck, Irina; O'Donnell, Mike; Kuriyan, John

CS Howard Hughes Medical Institute, The Rockefeller University, New York, NY,  
10021, USA  
SO BMC Structural Biology (2006), 6, No pp. given  
CODEN: BSBMBB; ISSN: 1472-6807  
URL: <http://www.biomedcentral.com/content/pdf/1472-6807-6-2.pdf>  
PB BioMed Central Ltd.  
DT Journal; (online computer file)  
LA English

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2004:1154427 CAPLUS  
DN 142:70794  
TI Crystal structure of the processivity clamp factor of  
DNA polymerase of Escherichia coli complexed with a  
peptide ligand and the use in drug discovery  
IN Burnouf, Dominique Yves Joel; Wagner, Jerome Edouard; Dumas, Philippe;  
Fujii, Shingo; Fuchs, Robert Pierre Paul; Olieric, Vincent  
PA Centre National De La Recherche Scientifique CNRS, Fr.  
SO Eur. Pat. Appl., 95 pp.  
CODEN: EPXXDW  
DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1492038	A1	20041229	EP 2003-291596	20030627
	CA 2530667	A1	20050106	CA 2004-2530667	20040625
	WO 2005001084	A2	20050106	WO 2004-EP6942	20040625
	WO 2005001084	A3	20050224		
	EP 1639509	A2	20060329	EP 2004-740348	20040625
	US 2007275898	A1	20071129	US 2006-561867	20060706
PRAI	EP 2003-291596	A	20030627		
	WO 2004-EP6942	W	20040625		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2003:490732 CAPLUS  
DN 139:334764  
TI Flexibility revealed by the 1.85 .ANG. crystal structure of the  
.beta. sliding-clamp subunit of Escherichia coli DNA  
polymerase III  
AU Oakley, Aaron J.; Prosselkov, Pavel; Wijffels, Gene; Beck, Jennifer L.;  
Wilce, Matthew C. J.; Dixon, Nicholas E.  
CS Crystallography Centre, University of Western Australia, Nedlands, WA  
6907, Australia  
SO Acta Crystallographica, Section D: Biological Crystallography (2003),  
D59(7), 1192-1199  
CODEN: ABCRE6; ISSN: 0907-4449  
PB Blackwell Publishing Ltd.  
DT Journal  
LA English

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2001:657173 CAPLUS  
DN 135:300461  
TI Mechanism of processivity clamp opening by the delta subunit  
wrench of the clamp loader complex of E. coli DNA  
polymerase III

AU Jeruzalmi, David; Yurieva, Olga; Zhao, Yanxiang; Young, Matthew; Stewart, Jelena; Hingorani, Manju; O'Donnell, Mike; Kuriyan, John  
CS Howard Hughes Medical Institute, The Rockefeller University, New York, NY, 10021, USA  
SO Cell (Cambridge, MA, United States) (2001), 106(4), 417-428  
CODEN: CELLB5; ISSN: 0092-8674  
PB Cell Press  
DT Journal  
LA English  
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 1995:878425 CAPLUS  
DN 124:3350  
TI Structural and functional similarities of prokaryotic and eukaryotic DNA polymerase sliding clamps  
AU Kelman, Zvi; O'Donnell, Mike  
CS Howard Hughes Med. Inst., Cornell Univ. Med. Coll., New York, NY, 10021, USA  
SO Nucleic Acids Research (1995), 23(18), 3613-20  
CODEN: NARHAD; ISSN: 0305-1048  
PB Oxford University Press  
DT Journal  
LA English

L6 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 1995:282001 CAPLUS  
DN 122:99932  
TI Crystal structure of the eukaryotic DNA polymerase processivity factor PCNA  
AU Krishna, Talluru S. R.; Kong, Xiang-Peng; Gary, Sonja; Burgers, Peter M.; Kuriyan, John  
CS Lab. Mol. Biophysics, Rockefeller Univ., New York, NY, 10021, USA  
SO Cell (Cambridge, Massachusetts) (1994), 79(7), 1233-43  
CODEN: CELLB5; ISSN: 0092-8674  
PB Cell Press  
DT Journal  
LA English

L6 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 1992:251020 CAPLUS  
DN 116:251020  
TI Three-dimensional structure of the .beta. subunit of E. coli DNA polymerase III holoenzyme: a sliding DNA clamp  
AU Kong, Xiang Peng; Onrust, Rene; O'Donnell, Mike; Kuriyan, John  
CS Lab. Mol. Biophys., Rockefeller Univ., New York, NY, 10021, USA  
SO Cell (Cambridge, MA, United States) (1992), 69(3), 425-37  
CODEN: CELLB5; ISSN: 0092-8674  
DT Journal  
LA English